

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035107.D
 Acq On : 16 May 2022 16:58
 Operator : CG/JU
 Sample : PB144678BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS678

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 09:59:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3611	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	11582	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	15389	0.400	ng/ul #	0.00
17) Chrysene-d12	21.477	240	11085	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	8892	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2770	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6616	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	14688	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	6806m	1.567	ng/ul	
5) Naphthalene	10.765	128	11942	0.312	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	8033	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	8013	0.343	ng/ul	99
10) Acenaphthylene	14.270	152	13018	0.304	ng/ul#	90
11) Acenaphthene	14.612	153	9466	0.306	ng/ul	96
12) Fluorene	15.597	166	10879	0.301	ng/ul#	97
14) Pentachlorophenol	16.946	266	3157	0.543	ng/ul	97
15) Phenanthrene	17.334	178	17766	0.303	ng/ul	95
16) Anthracene	17.427	178	16146	0.302	ng/ul#	91
19) Fluoranthene	19.350	202	20166	0.324	ng/ul	97
20) Pyrene	19.712	202	20341	0.322	ng/ul	98
21) Benzo(a)anthracene	21.459	228	15924	0.310	ng/ul	98
22) Chrysene	21.512	228	16572	0.310	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	14698	0.315	ng/ul	91
25) Benzo(k)fluoranthene	23.186	252	14086	0.317	ng/ul#	90
26) Benzo(a)pyrene	23.756	252	13355	0.315	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.336	276	14534	0.346	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.356	278	11724	0.351	ng/ul	91
29) Benzo(g,h,i)perylene	27.094	276	12479	0.346	ng/ul	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

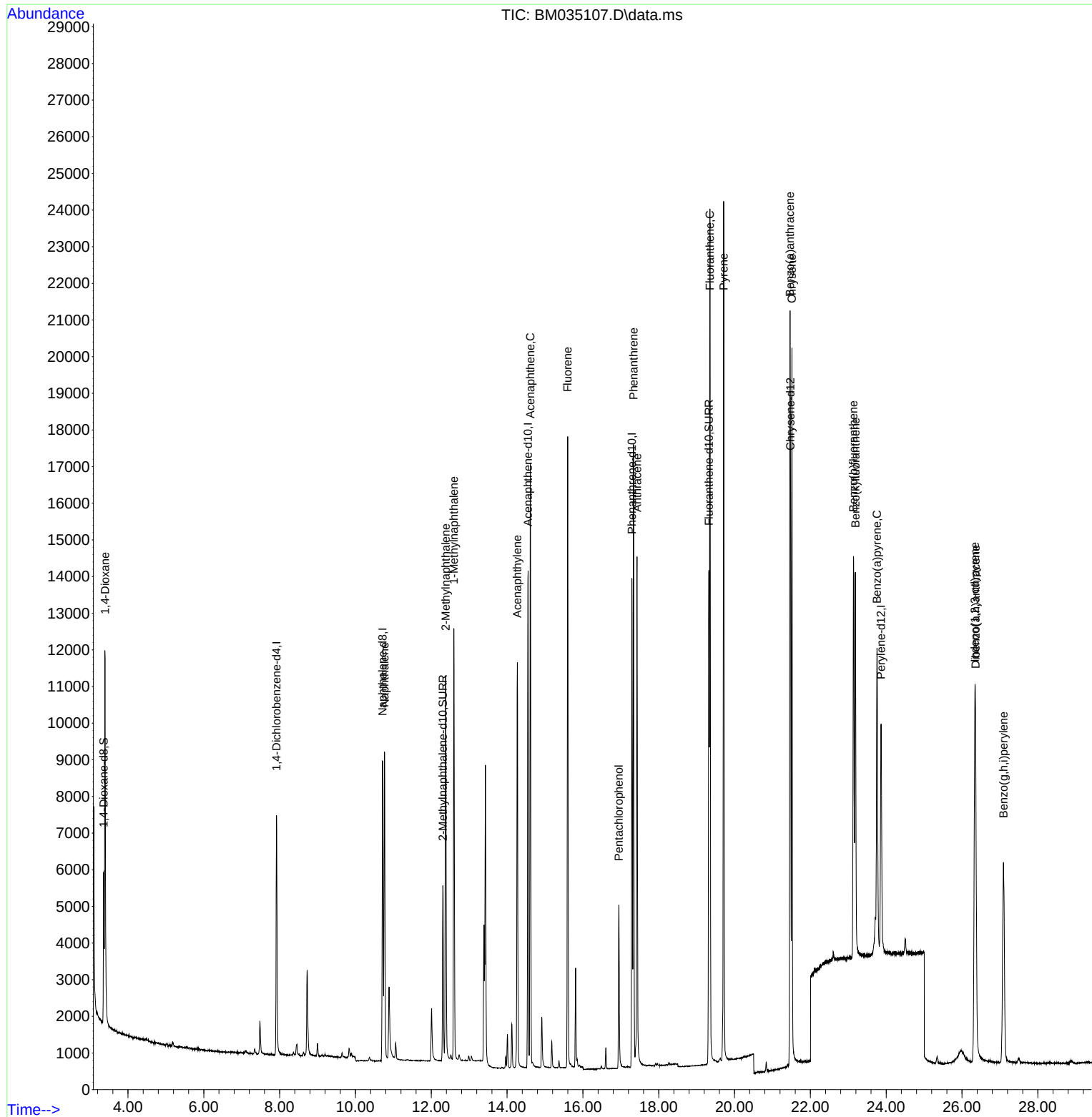
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035107.D
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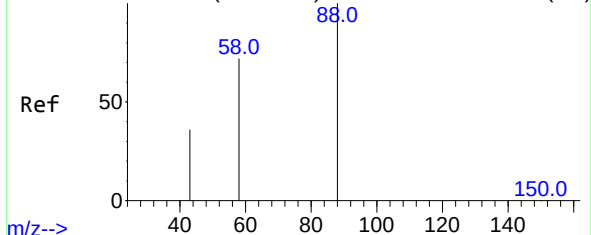
Manual Integrations
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Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 09:59:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration



Abundance Scan 74 (3.394 min): BM035095.D\data.ms (-66)



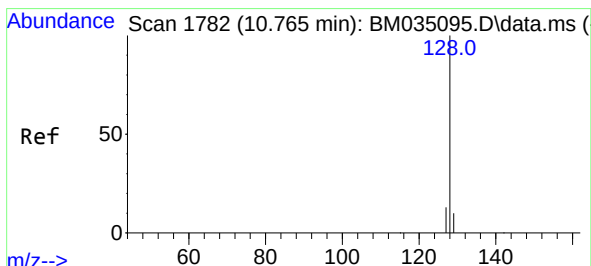
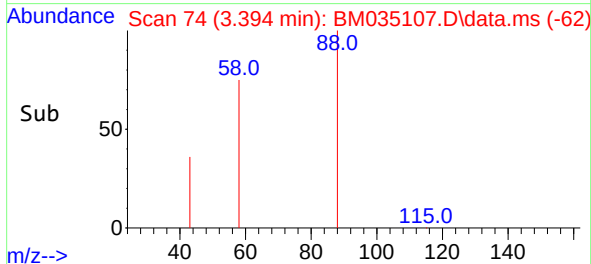
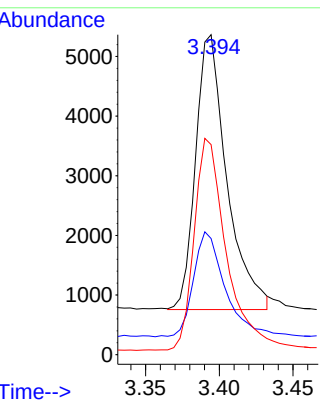
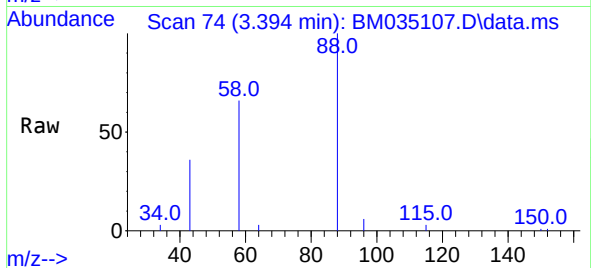
#2
1,4-Dioxane
Concen: 1.567 ng/ul m
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

Instrument :
BNA_M
ClientSampleId :
SLCS678

Tgt Ion: 88 Resp: 6800
Ion Ratio Lower Upper
88 100
43 36.3 49.7 74.5
58 65.6 52.5 78.7

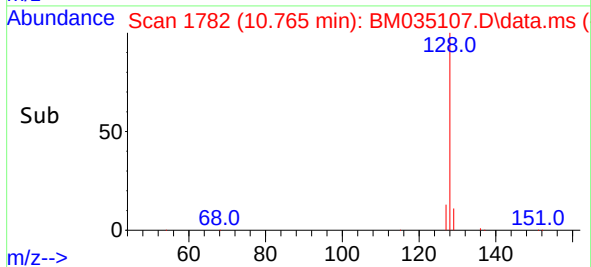
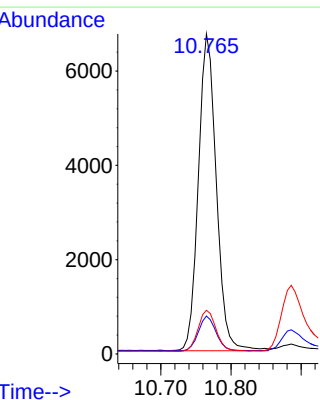
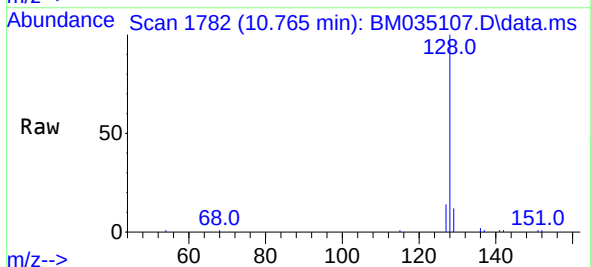
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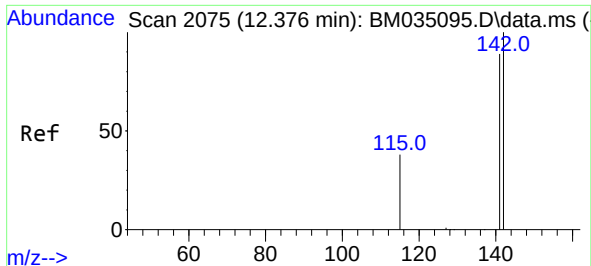
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

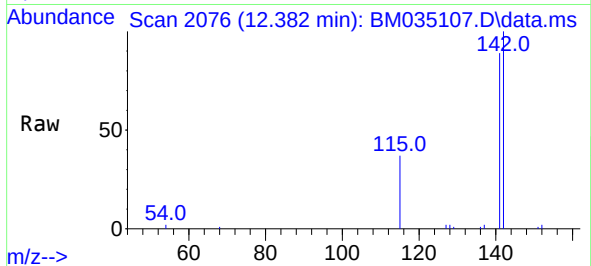
Tgt Ion:128 Resp: 11942
Ion Ratio Lower Upper
128 100
129 11.9 13.4 20.2#
127 13.7 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.382 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

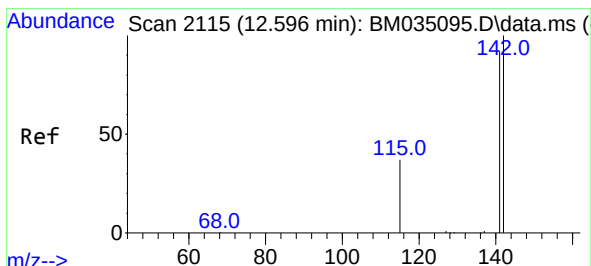
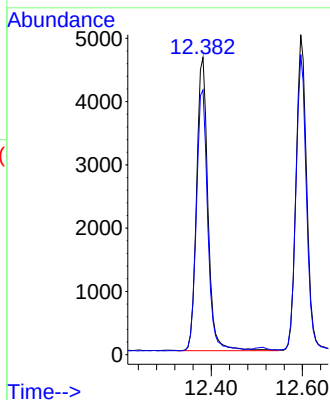
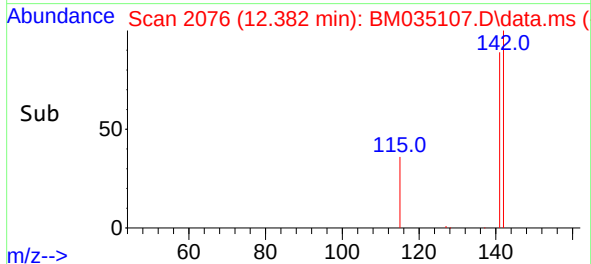
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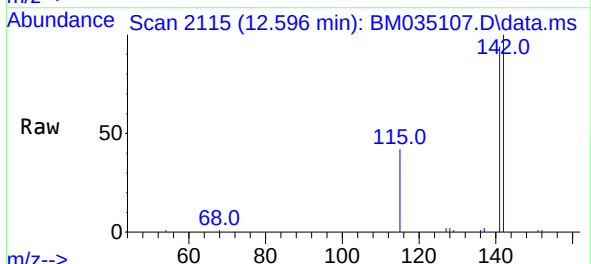
Tgt Ion:142 Resp: 803
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.6

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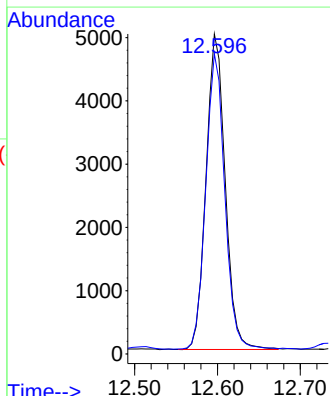
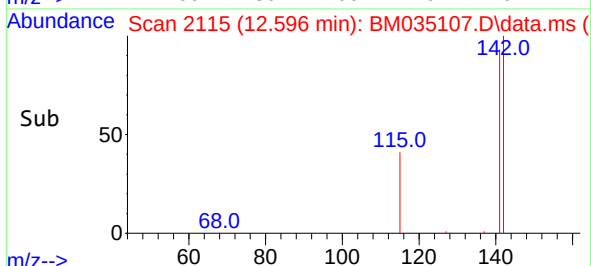
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

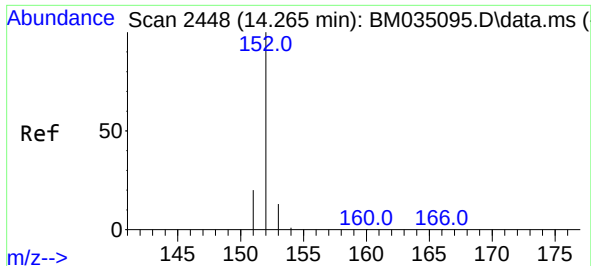


#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



Tgt Ion:142 Resp: 8013
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





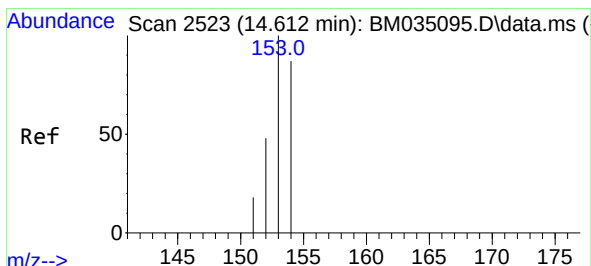
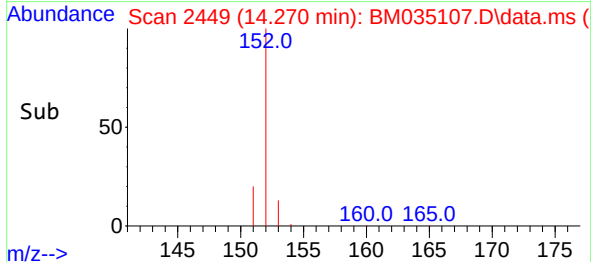
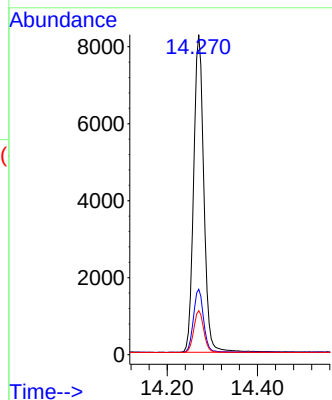
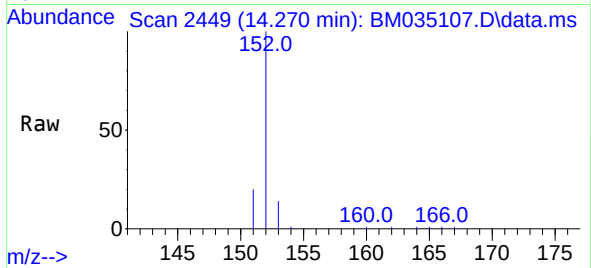
#10
Acenaphthylene
Concen: 0.304 ng/u1
RT: 14.270 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 13018
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.8 15.0 22.4

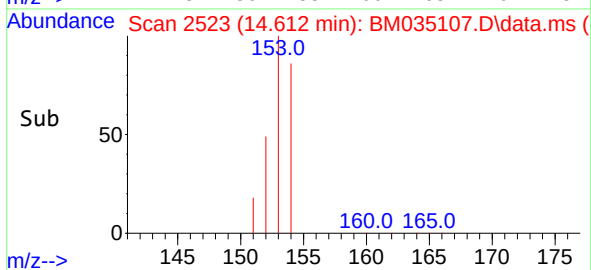
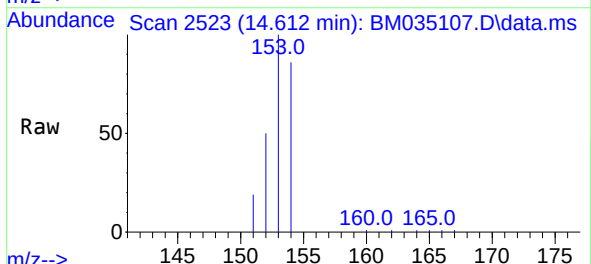
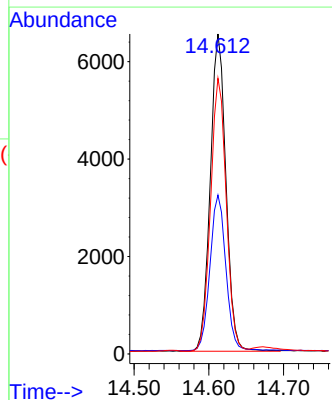
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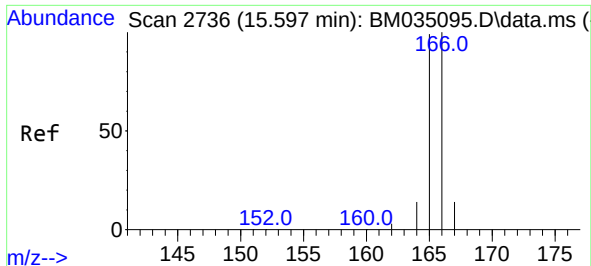
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.306 ng/u1
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

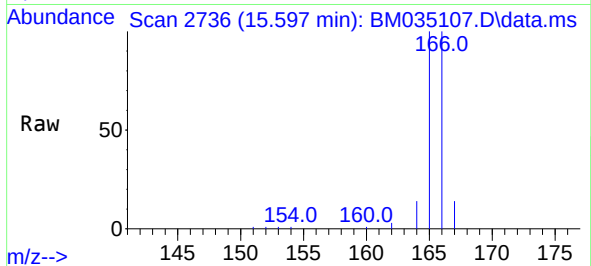
Tgt Ion:153 Resp: 9466
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 86.1 66.2 99.2





#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

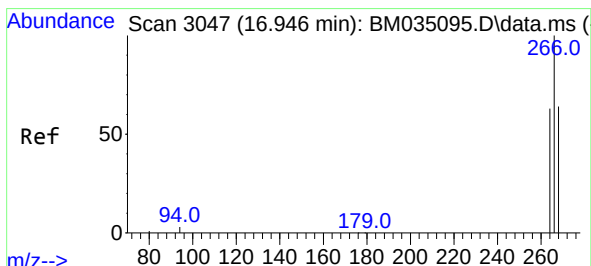
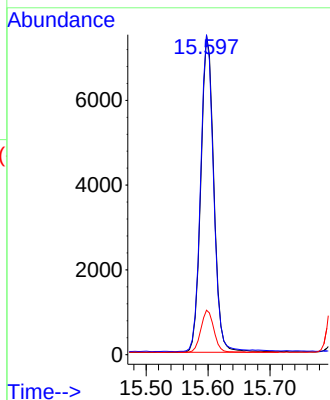
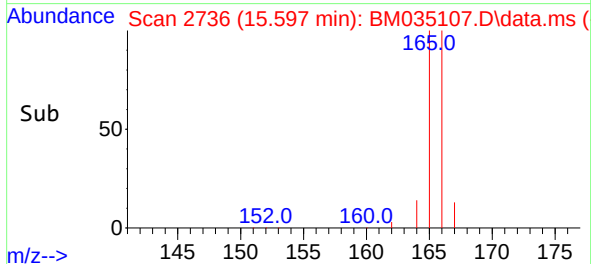
Instrument :
BNA_M
ClientSampleId :
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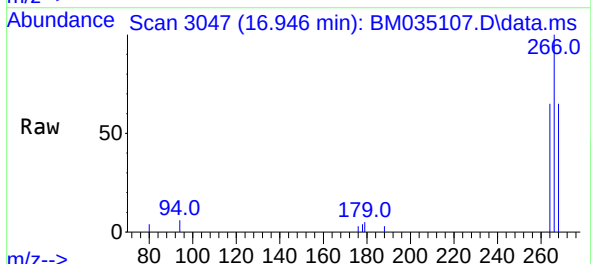
Tgt Ion:166 Resp: 10879
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 13.9 14.9 22.3

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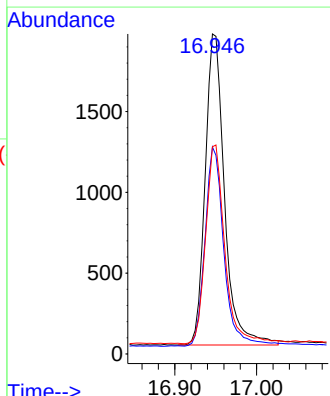
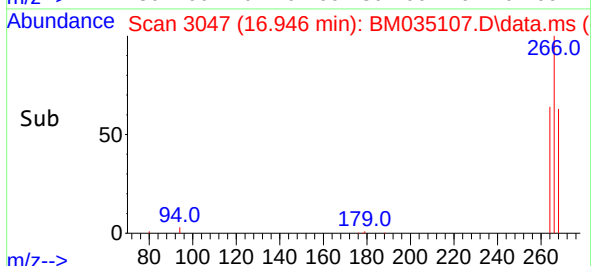
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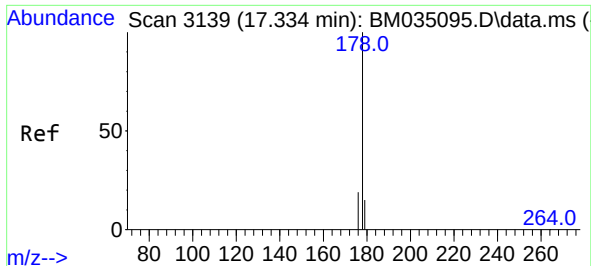


#14
Pentachlorophenol
Concen: 0.543 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



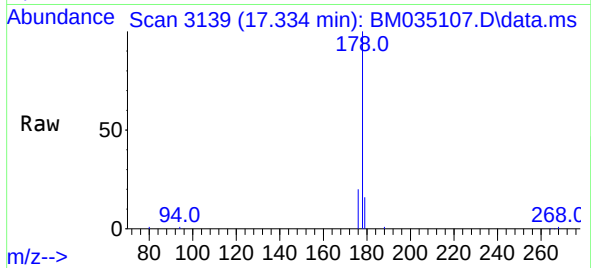
Tgt Ion:266 Resp: 3157
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 63.2 53.1 79.7





#15
Phenanthrene
Concen: 0.303 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

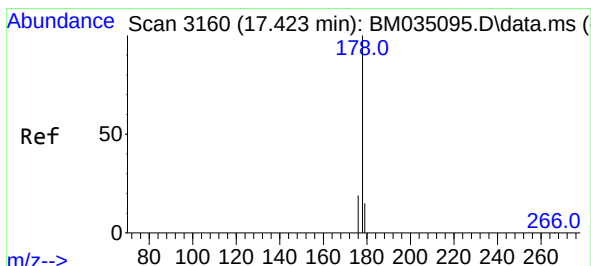
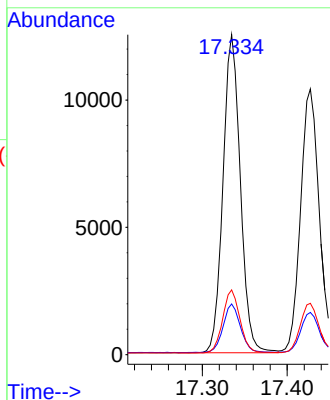
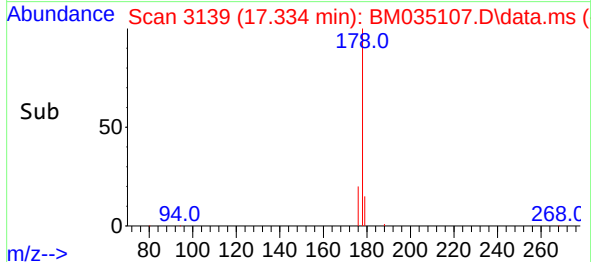
Instrument :
BNA_M
ClientSampleId :
SLCS678



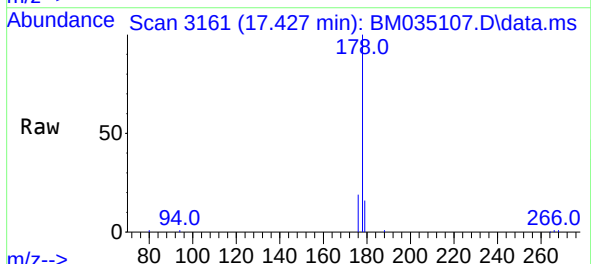
Tgt Ion:178 Resp: 17760
Ion Ratio Lower Upper
178 100
179 15.8 15.0 22.6
176 20.3 17.9 26.9

Manual Integrations
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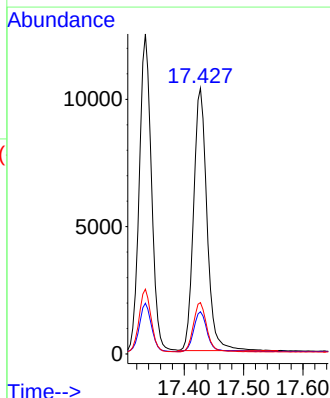
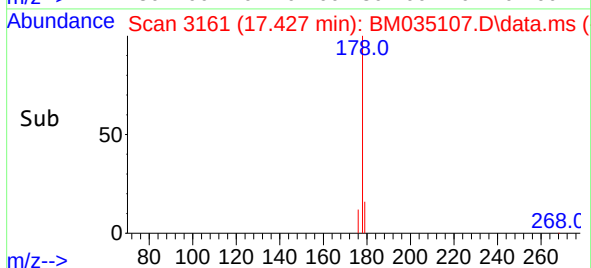
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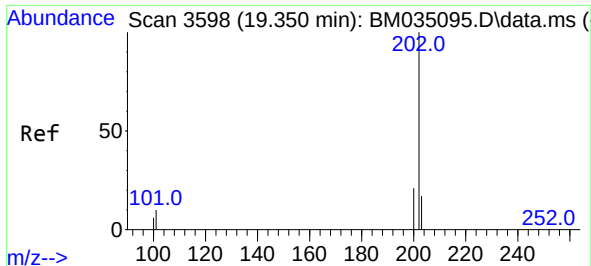


#16
Anthracene
Concen: 0.302 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



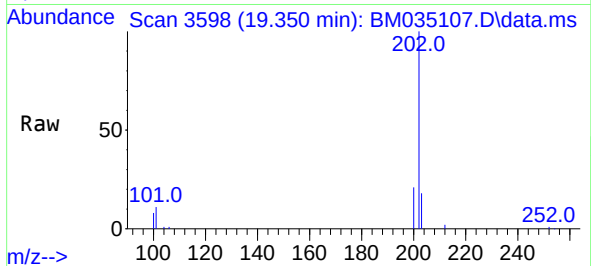
Tgt Ion:178 Resp: 16146
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 0.324 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

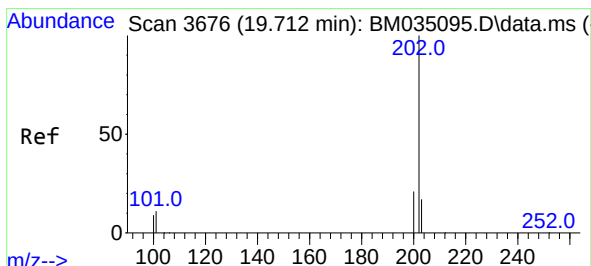
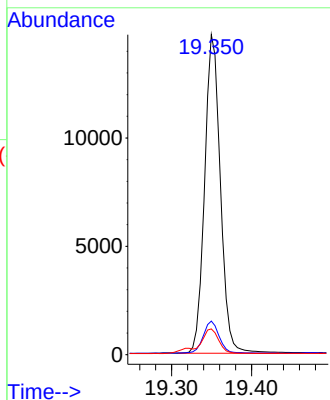
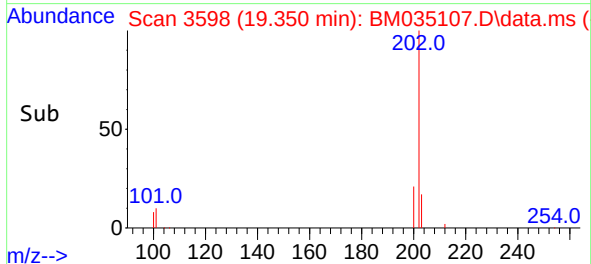
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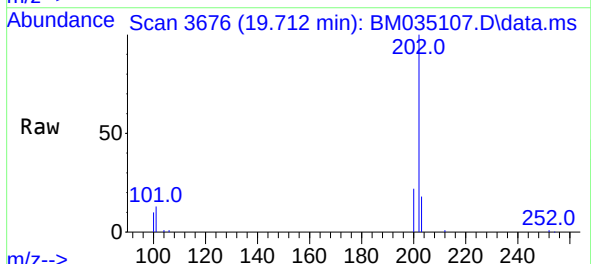
Tgt Ion:202 Resp: 2016
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.0 7.2 10.8

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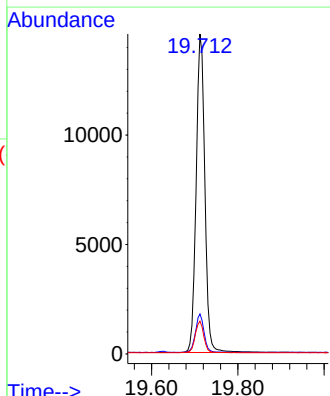
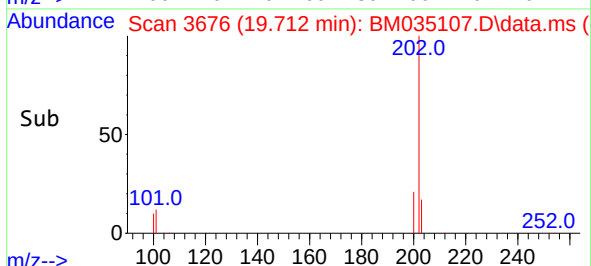
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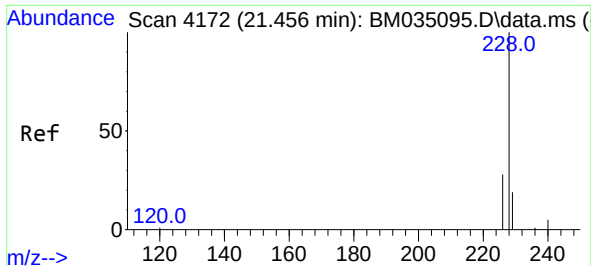


#20
Pyrene
Concen: 0.322 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



Tgt Ion:202 Resp: 20341
Ion Ratio Lower Upper
202 100
101 12.5 9.3 13.9
100 10.3 7.8 11.6





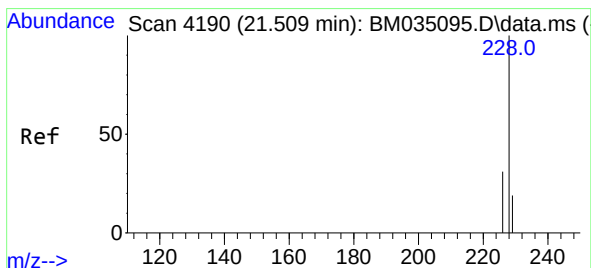
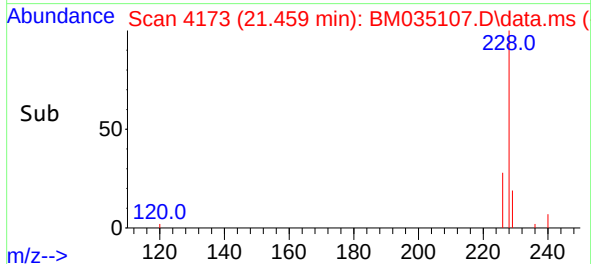
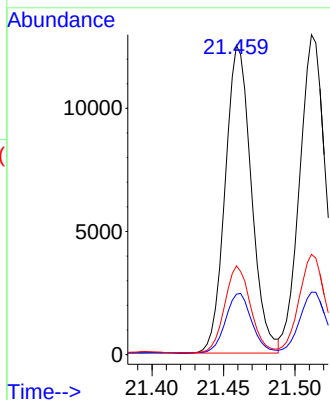
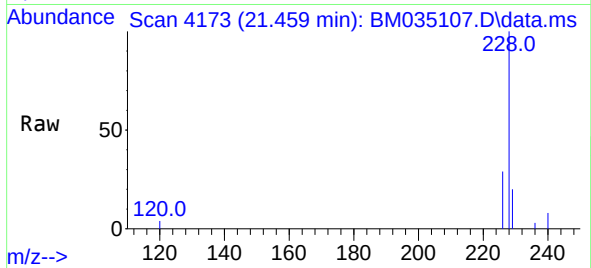
#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

Instrument :
BNA_M
ClientSampleId :
SLCS678

Tgt Ion:228 Resp: 15924
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 28.7 23.2 34.8

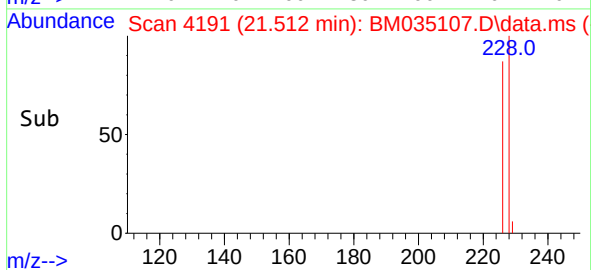
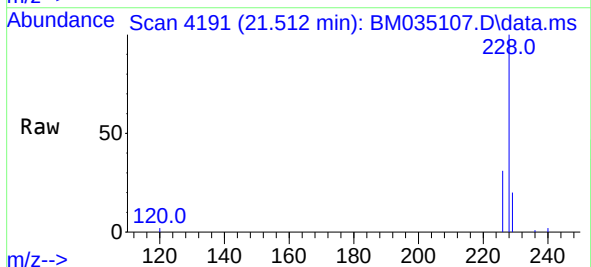
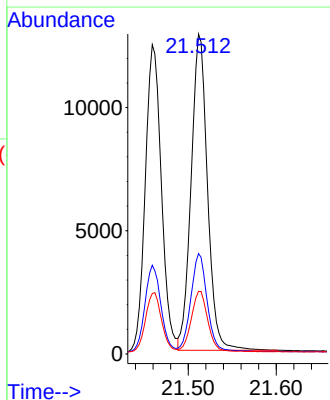
Manual Integrations
APPROVED

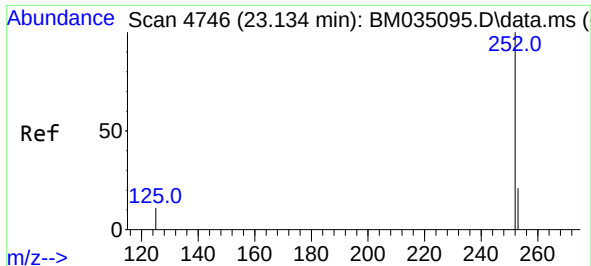
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

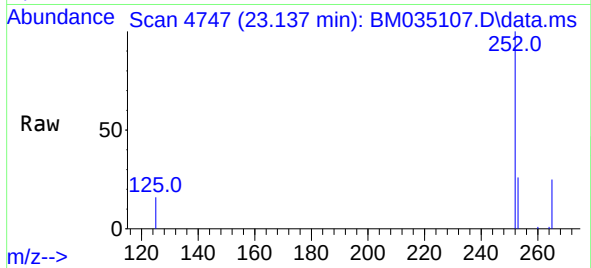
Tgt Ion:228 Resp: 16572
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 19.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 23.137 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

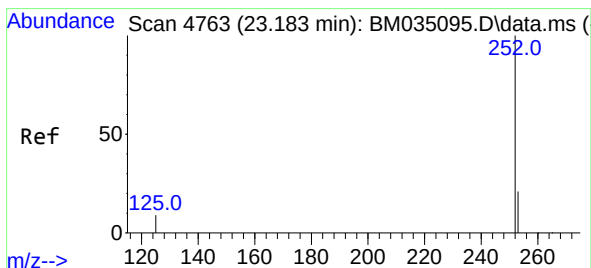
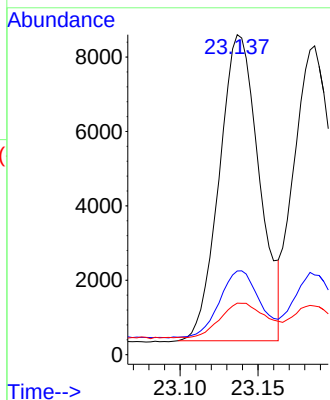
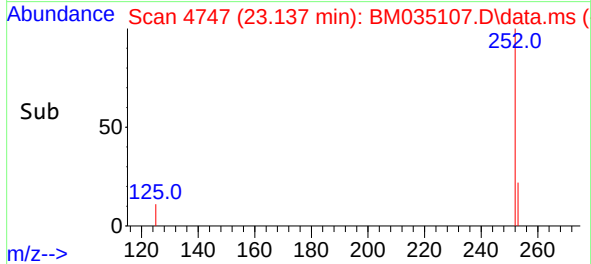
Instrument :
BNA_M
ClientSampleId :
SLCS678



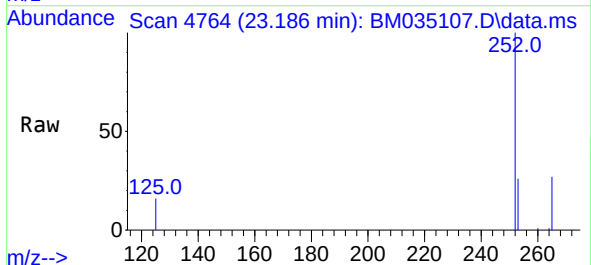
Tgt Ion:252 Resp: 14698
Ion Ratio Lower Upper
252 100
253 26.2 0.0 64.2
125 16.1 0.0 28.8

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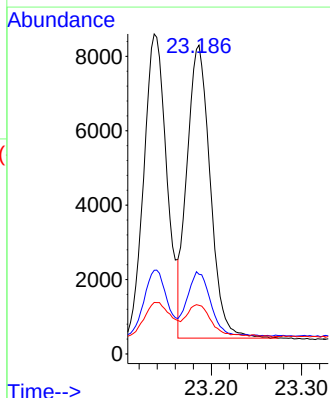
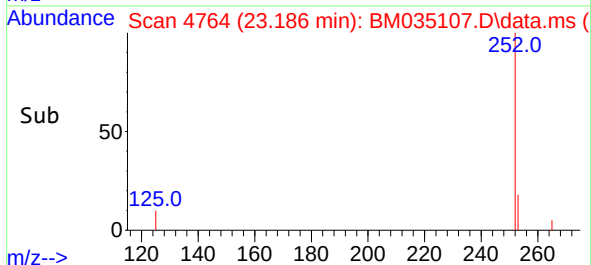
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

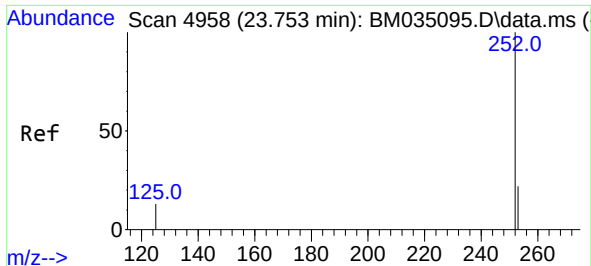


#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.186 min Scan# 4764
Delta R.T. 0.006 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



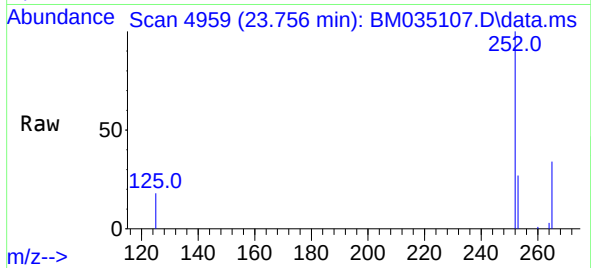
Tgt Ion:252 Resp: 14086
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2#
125 15.8 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.315 ng/ul
RT: 23.756 min Scan# 4958
Delta R.T. 0.006 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

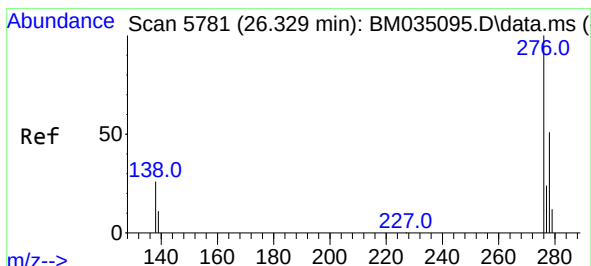
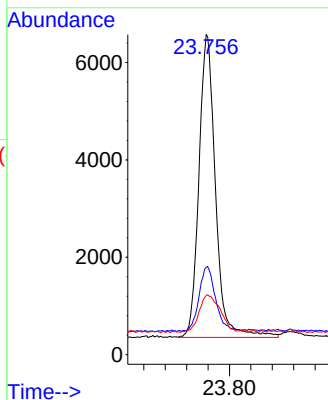
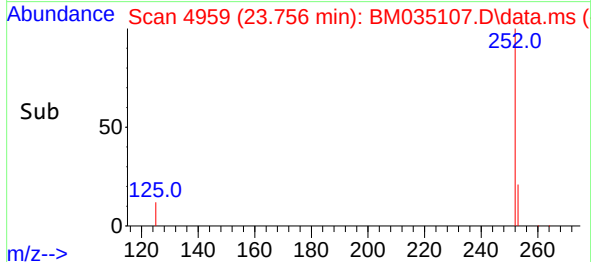
Instrument :
BNA_M
ClientSampleId :
SLCS678



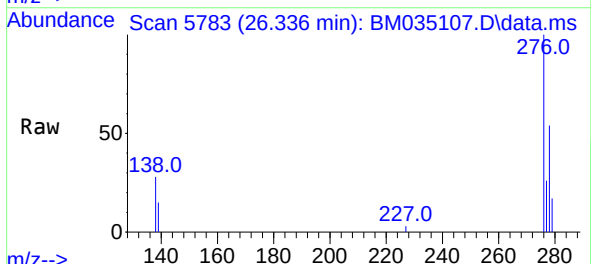
Tgt Ion:252 Resp: 13358
Ion Ratio Lower Upper
252 100
253 27.3 32.0 48.0#
125 18.5 14.5 21.7

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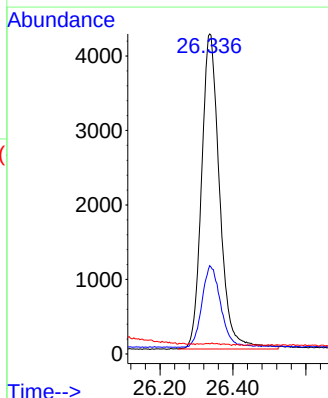
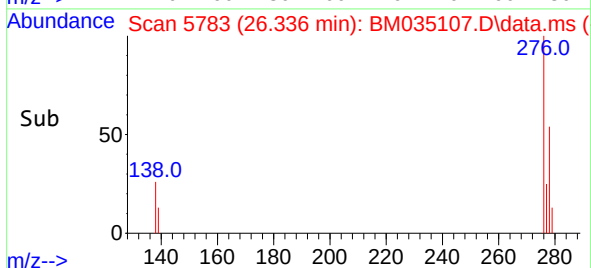
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

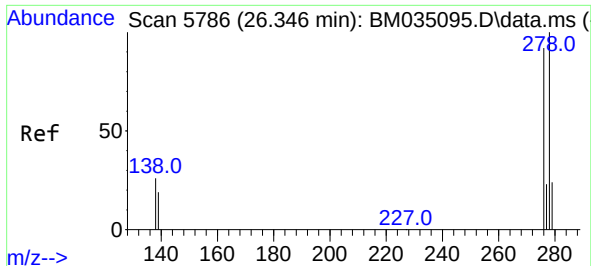


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



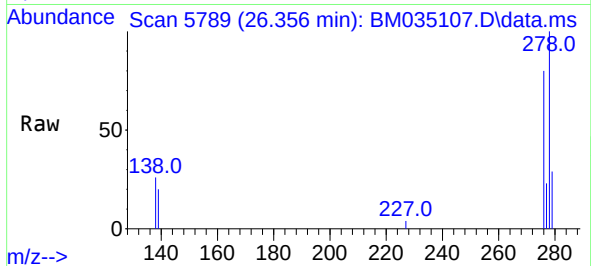
Tgt Ion:276 Resp: 14534
Ion Ratio Lower Upper
276 100
138 26.9 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.356 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58

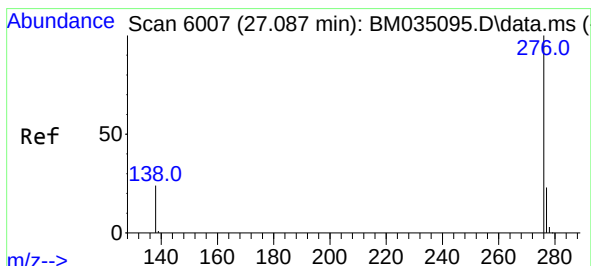
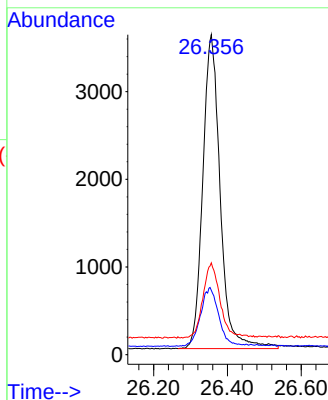
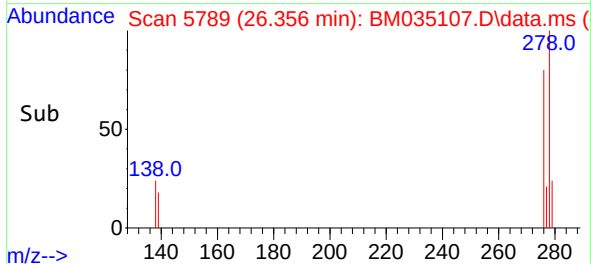
Instrument :
BNA_M
ClientSampleId :
SLCS678



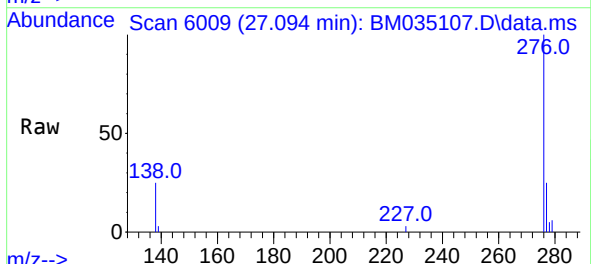
Tgt Ion:278 Resp: 11724
Ion Ratio Lower Upper
278 100
139 20.1 18.0 27.0
279 28.7 28.6 42.8

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Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.014 min
Lab File: BM035107.D
Acq: 16 May 2022 16:58



Tgt Ion:276 Resp: 12479
Ion Ratio Lower Upper
276 100
138 24.9 17.4 26.0
277 24.6 22.6 33.8

